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JOHN DUER IRVING
(1874 - 1918)

NOTES, CORRESPONDENCE, PAPERS

CIRCA 1900

(1 map folder)

John Duer Irving was born in Madison, Wisconsin, in 1874. He earned degrees from Columbia University in 1896 and 1899 and joined the staff of the USGS in 1899. His principal area of investigation was the economic geology of mineral deposits. Irving later served on the faculties of the University of Wyoming, Lehigh University, and Yale University, where he served as chairman of economic geology at the Sheffield Scientific School. Duer joined the U.S. Army as an Engineer at the beginning of World War I and died in France in July, 1918.

INVENTORY

By

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U.S. Geological Survey Field Records Collection
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Location of Field Notebooks: N/A

ECONOMIC RESOURCES OF THE BLACK HILLS REGION, SOUTH DAKOTA. CIRCA 1900.

<u>Item Number</u>	<u>Description</u>
MA-03106	<p>Map folder with 47 items:</p> <ul style="list-style-type: none"> - Two maps showing geology and mine workings at the Two Johns Mine, Portland District, South Dakota. - Map showing geology and mine workings at the Burlington Mine, Portland District, South Dakota. - Map showing geology and mine workings at the Mark Twain Mine, Portland District, South Dakota. - Two maps showing geology and mine workings at the Portland Mine, Portland District, South Dakota. - Map showing geology and mine workings at the Portland and Clinton Mines, Portland District, South Dakota. - Map showing geology and mine workings at the Leopard and Jessie Lee Mines, Portland District, South Dakota. - Map showing geology and mine workings at the Empire State and Perseverance Mines, Portland District, South Dakota. - Map showing geology and mine workings at the Ajax Mine, Portland District, South Dakota. - Map showing principal shoots of refractory siliceous ore in the Bald Mountain area, South Dakota. - Map showing strike of veins in the Ragged Top District, Lawrence County, South Dakota. 1899. - Map showing geology and mine workings at the Wasp No. 2 Mine, Yellow Creek area, Whitewood District, South Dakota. - Map showing geology and mine workings in the Yellow Creek area, Whitewood District, South Dakota. - Map showing the Yellow Creek Claims, Whitewood District, South Dakota. - Map showing geology and mine workings at the Wells Fargo Mine, Black Gulch area, South Dakota. - Map showing geology and mine workings at the Emmet and R.H.M. Mines, South Dakota. - Map showing geology and mine workings at the Harrison Lode Mine and vicinity, South Dakota. - Map showing geology and mine workings at the Gentle Annie Mine and vicinity, South Dakota. - Map showing mine workings at the American Express Mine, Sheeptail Gulch area, South Dakota. - Map showing geology and mine workings at the Ulster Mine, Ragged Top District, South Dakota. - Map showing geology and mine workings at the Iron Hill Mine, Carbonate District, South Dakota.

- Two maps showing geology and mine workings at the Golden Reward Mine, Ruby Basin District, South Dakota.
- Map showing geology and mine workings at the Baltimore and Black Moon Mines, Ruby Basin District, South Dakota.
- Map showing geology and mine workings at the Ben Hur and Horseshoe Mines, Ruby Basin District, South Dakota.
- Map showing geology and mine workings at the Union and Ross Hannibal Mines, Ruby Basin District, South Dakota.
- Map showing geology and mine workings at the Fannie and Little Bonanza Mines, Ruby Basin District, South Dakota.
- Two maps showing geology and mine workings at the Union Mine, Ruby Basin District, South Dakota.
- Two maps showing geology and mine workings at the Ruby Bell Mine, Ruby Basin District, South Dakota.
- Map showing geology and mine workings at the Little Bonanza Mine, Ruby Basin District, South Dakota.
- Map showing geology and mine workings at the Steward Mine, Ruby Basin District, South Dakota.
- Map showing geology and mine workings at the cross cuts near the Tornado Mine, Ruby Basin District, South Dakota.
- Map showing geology and mine workings at parts of the Tornado and Bottleson Mines, Ruby Basin District, South Dakota.
- Map showing geology and mine workings at the Double Standard and Welcome Mines, Ruby Basin District, South Dakota.
- Map showing geology and mine workings at the Welcome, Troy, Horseshoe, and Mogul Mines, Ruby Basin District, South Dakota.
- Map showing geology and mine workings at the Welcome and Mogul Mines, Ruby Basin District, South Dakota.
- Map showing geology and mine workings at the Mogul Mine, Ruby Basin District, South Dakota.
- Sheet with vertical section diagrams through the Great Mogul, Troy, and Horseshoe Mines, Ruby Basin District, South Dakota.
- Map showing geology and mine workings at the Snowstorm and Baltimore Mines, Ruby Basin District, South Dakota.
- Map showing geology and mine workings at the Alpha Plutus Mine, Nevada Gulch area, Ruby Basin District, South Dakota.
- Map showing geology and mine workings at the Clinton and Alpha Plutus Mines, Nevada Gulch area, Ruby Basin District, South Dakota.
- Map entitled "Golden Reward Conective (sic) Reference Map, Ruby Basin, Black Hills".
- Copy of the Sturgis 15' quadrangle, South Dakota, with annotations.
- Field map composed of sectioned and mounted portions of the Deadwood and Rapid 30' quadrangles, South Dakota, with geologic annotations in the Pactola-Nemo area.

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